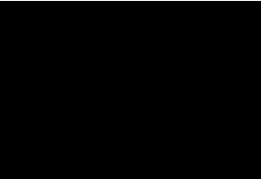


US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	07/27/2012	17:15		
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
SOTF Team #1	Name:	Dan Capone & Joe Victory (START/US EPA)	From:	07/27/2012 0700
	Position:	Operations Section Chief	To:	07/27/2012 1600
7. Personnel Roster Assigned				
Name	ICS Position	DUTY CELL		
Dan Capone	Operations Section Chief			
Joe Victory	Operations Section Chief			
Dan Zahner	Field Team Lead			
Michael Thierry	SOS #3			
8. Activity Log				
Activity Area	Morrow Lake and Delta MP 37.00 to 37.75. Kalamazoo River MP 25.25 to 27.25		LAT	LAT
			Various	Various
			(DD.MMMM)	(DD.MMMM)
<u>OIL OBSERVED</u>	EXTENT OF OIL IMPACTED AREA	NA		
	DENSITY OF OIL /SHEEN	NA		
Total Collection Points	NA			
Total Boom Deployed	NA			
Activity	<p><u>START SOS Team #3 Activity:</u></p> <p>START SOS 3 conducted oversight documentation of Enbridge Team with Reed Rector (Team Lead) and Eric Celebrezze (YUMA Operator). Enbridge team conducted poling, sediment core sampling Secchi disk measurements and water / sediment temperature reading at each sampling point from Morrow Lake and Delta MP 37.00 to 37.75, Kalamazoo river MP 25.25 to 27.25. Two sediment cores are collected from each location. A third sample is collected from 50% of the locations for sediment density testing. Five samples locations from Morrow Lake Delta lights and one from none, One from Morrow lake in the channel deposit heavy, Kalamazoo River had one from channel deposits heavy and one light .</p> <p><u>Location 1: MP 37.25</u> Stratified-361, Delta (Light) Sample SEKR-37.25C-704A, Push – 3.8', Recovery 2.7' Sample SEKR-37.25C-704B, Push– 3.8', Recovery 2.8' Sample SEKR-37.25C-704C (Density), Push– 3.8', Recovery 3.0'</p>			

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.25C-704	0.5	1.0	4.5	76.4/75.4/75.3	Sand/Light

Location 2: MP 37.25

Stratified-381, Delta (None)

Sample SEKR-37.25C-707A, Push – 2.1', Recovery 1.6'

Sample SEKR-37.25C-707B, Push– 2.7', Recovery 1.7'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.25C-707	0.1	.5	1.1	77/77.5/77.5	Sand /None

Location 3: MP 37.25

Stratified-362, Delta (Light)

Sample SEKR-37.25C-705A, Push – 2.5', Recovery 1.9'

Sample SEKR-37.25C-705B, Push– 2.5', Recovery 1.8'

Sample SEKR-37.25C-705C (Density), Push– 2.5', Recovery 1.9'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.25C-705	0.8	1.3	1.5	76.2/76.7/76.7	Sand and Silt/Light

Location 4: MP 37.25

Stratified-365, Delta (Light)

Sample SEKR-37.25C-706A, Push – 3.0', Recovery 1.5'

Sample SEKR-37.25C-706B, Push– 3.7', Recovery 1.7'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.25C-706	0.1	3.3	3.5	76.5/77.5/77.5	Sand and Silt/Light

Location 5: MP 37.75

Stratified-364, Delta (Light)

Sample SEKR-37.75C-703A, Push – 2.0', Recovery 1.5'

Sample SEKR-37.75C-703B, Push– 2.0', Recovery 1.6'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.75C-703	2.3	3.9	4.2	74.3/76.6/76.7	Soft/Moderate

This location was previously poled and had light. Today's poling was a moderate.

Location 6: MP 37.50

Stratified-363, Delta (Light)

Sample SEKR-37.50C-706A, Push – 3.8', Recovery 1.2'

Sample SEKR-37.50C-706B, Push– 3.8', Recovery 0.9'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.50C-706	1.2	5.6	5.6	75.6/77.0/78.2	Soft/Moderate

This location was previously poled and had light. Today's poling was a moderate.

Location 7: MP 37.00

Stratified-163, Channel Deposit (Heavy)

Sample SEKR-37.00C-701, Push – 2.5', Recovery 1.3'

Sample SEKR-37.00C-701B, Push– 2.6', Recovery 1.5'

Sample SEKR-37.00-701C (Density), Push– 2.6', Recovery 2.3'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.00C-701	1.2	2.6	3.4	61.9/76.8/76.9	Silt over Sand/Moderate

This location was previously poled and had heavy. Today's poling was a moderate.

Location 8: MP 25.25

Stratified-162, Channel Deposit (Heavy)

Sample SEKR-25.25C-701A, Push – 3.1', Recovery 1.0'

Sample SEKR-25.25C-701B, Push– 3.1', Recovery 1.2'

This location could not be poled due to lack of surface water.

Location 9: MP 27.25

Stratified-203, Channel Deposits (Light)

Sample SEKR-27.25C-702A, Push – 3.5', Recovery 2.2'

Sample SEKR-27.25C-702B, Push– 3.5', Recovery 2.3'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-27.25C-702	3.0	3.2	3.3	75.3/75.2/75.2	Silt over Sand/None

This location was previously poled and had light. Today's poling was a none.

Health and Safety
Issues

Comments